

Title (en)

Catalyst for olefin polymerization, method for its preparation and use thereof

Title (de)

Katalysator für die Olefinpolymerisation, Verfahren zur dessen Herstellung sowie dessen Verwendung

Title (fr)

Catalyseur pour la polymérisation d'oléfines, procédé pour sa préparation et son utilisation

Publication

EP 2816051 A1 20141224 (EN)

Application

EP 13172833 A 20130619

Priority

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Abstract (en)

The invention relates to a catalyst for olefin polymerization represented by the general formula (I): **##### R 1 R 2 C=N-OMC P X 1 X 2** wherein; M is a transition metal; X 1 and X 2 are independently selected from the group consisting of halide, alkyl group, aryl group, alkyl amine group, or alkyl aryl group, and are directly bond to M, R 1 and R 2 are independently selected from the group consisting of hydrogen, alkyl group or aryl group; and Cp is a cyclopentadienyl group.

IPC 8 full level

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Citation (search report)

[A] SINGH, M. S.; NARAYAN, PREM: "Some mononuclear titanium(IV) complexes of salicylidene anthranilic acid and o-vanillin oxime", INDIAN JOURNAL OF CHEMISTRY, SECTION A: INORGANIC, BIO-INORGANIC, PHYSICAL, THEORETICAL & ANALYTICAL CHEMISTRY, vol. 40A, no. 6, 28 June 2001 (2001-06-28), IN, pages 633 - 637, XP009172971, ISSN: 0376-4710

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